

California OES Weather Threat Briefing

Monday, July 12, 2021
9:00 AM PDT

Day 1 (Monday): One more day of dangerously hot temperatures will continue across much of the state today, with high to very high heat risk impacts expected.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/12/21 - 07/18/21

Monday-Sunday

- Hot temperatures continue for much of interior and southern California, with **high to very high heat risk** impacts through Monday
 - High temperatures across much of the Central Valley and interior southern California will range from upper 90s to around 115 through Monday, with areas into the 120s in the southern deserts and near 130F at Death Valley.
 - **Many locations will approach or break daily records again on Monday, both for daytime high temperatures and high overnight low temperatures.**
 - **Compared to recent significant heat waves this year, the high temperatures will be slightly warmer than recent events, and the overnight lows will be several degrees warmer than previous events.**
 - Slightly cooler but still above normal temperatures expected for the middle to end of this week.
- Breezy conditions each afternoon will persist in the foothills and mountains, bringing periods of elevated fire weather conditions
- Isolated thunderstorms are possible across southern California mountains and across the Sierra, with the best chance Monday and Tuesday. Precipitation amounts are not expected to be significant, with lightning and erratic gusty winds the main threat.
 - Northern, coastal and most southern California locations will remain dry throughout the week



CALIFORNIA WEATHER IMPACTS

07/12/21 - 07/18/21

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern	Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All	All	All	All	All	All	All
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



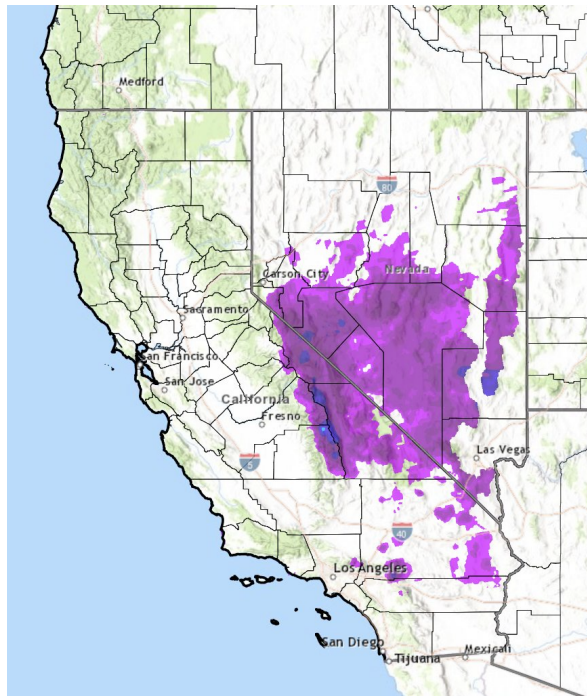
Moderate Impacts



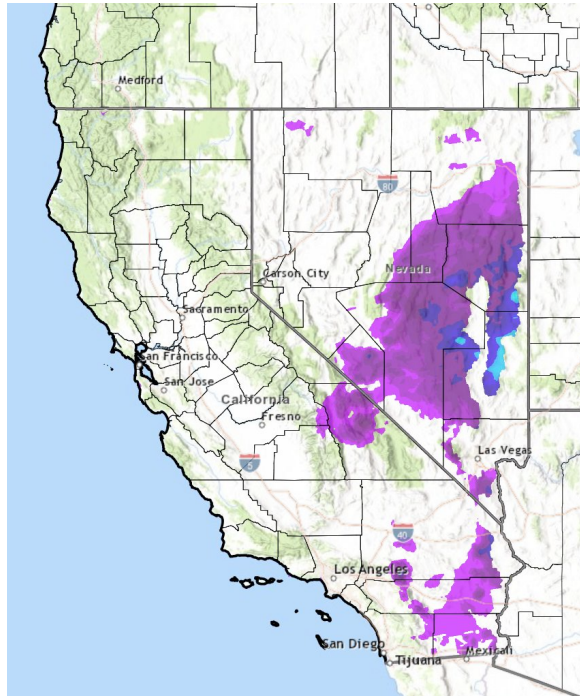
Severe Impacts

PRECIPITATION FORECAST

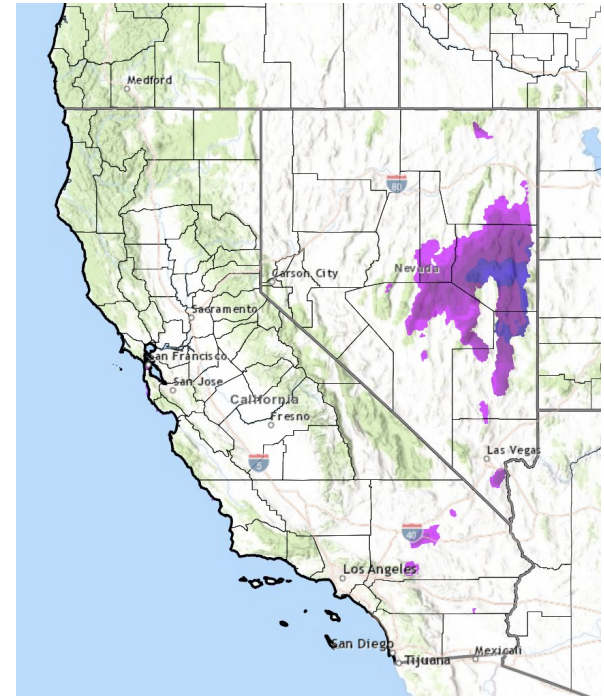
07/12/21 - 07/14/21



Monday



Tuesday



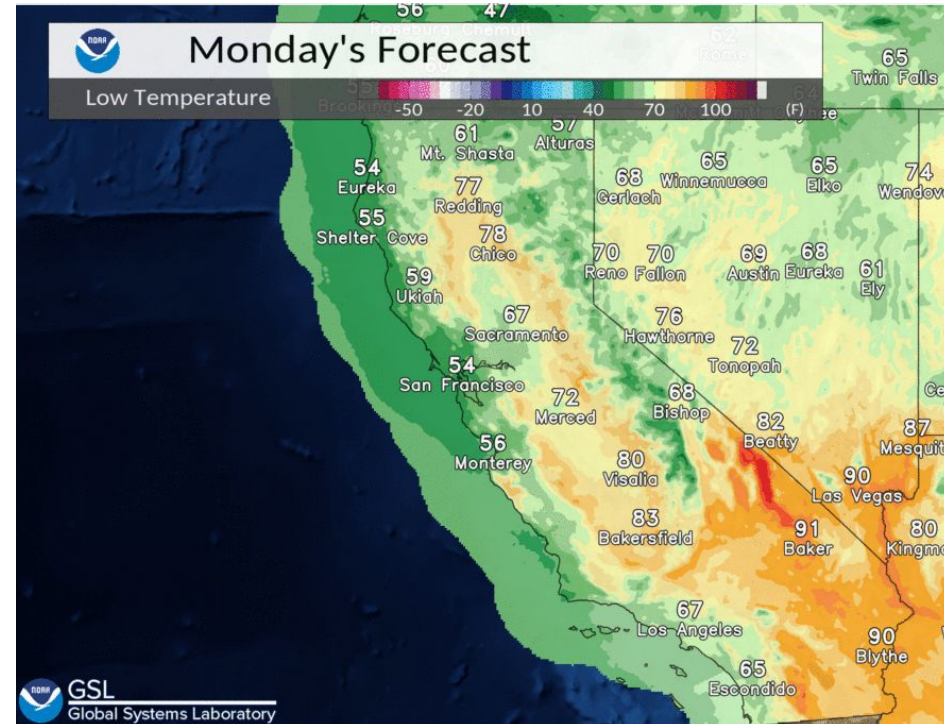
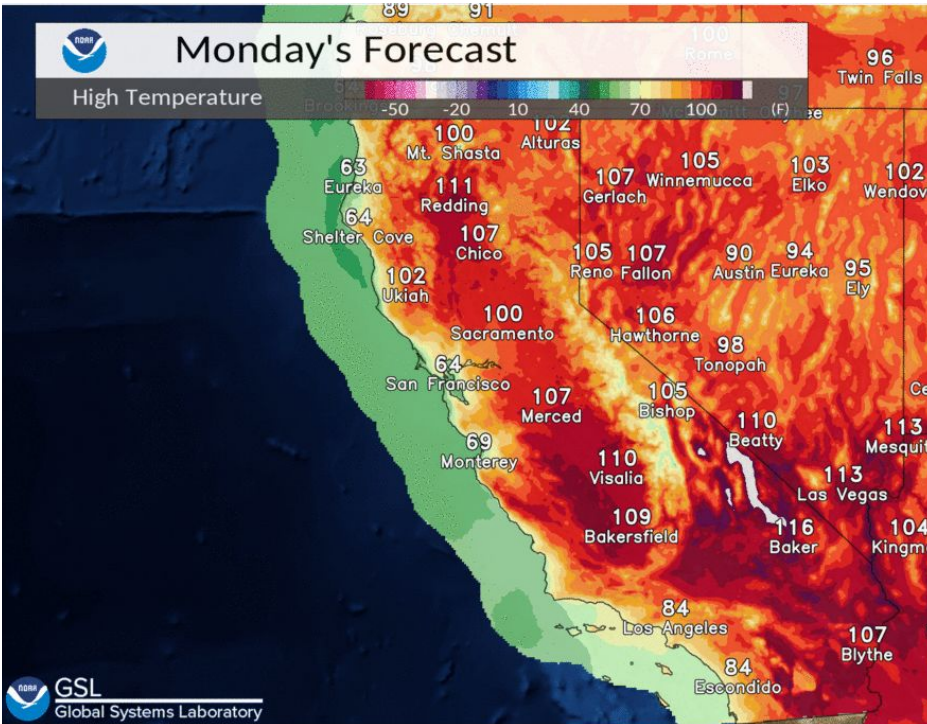
Wednesday

Precipitation (inches)



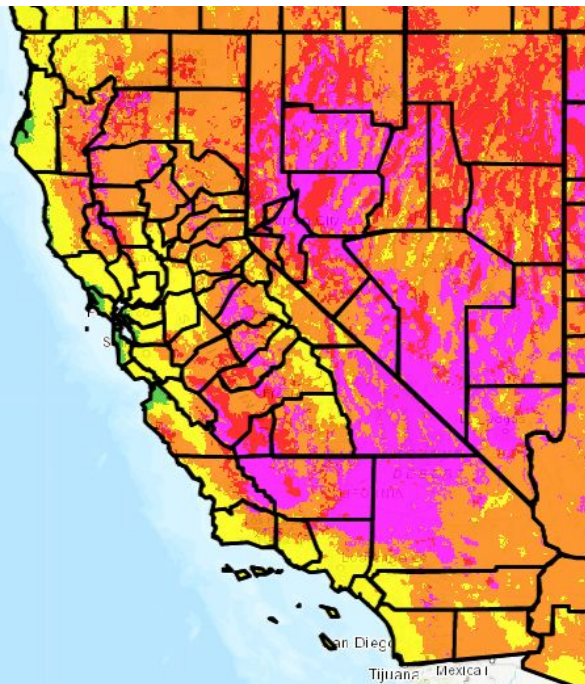
TEMPERATURE FORECAST

07/12/21

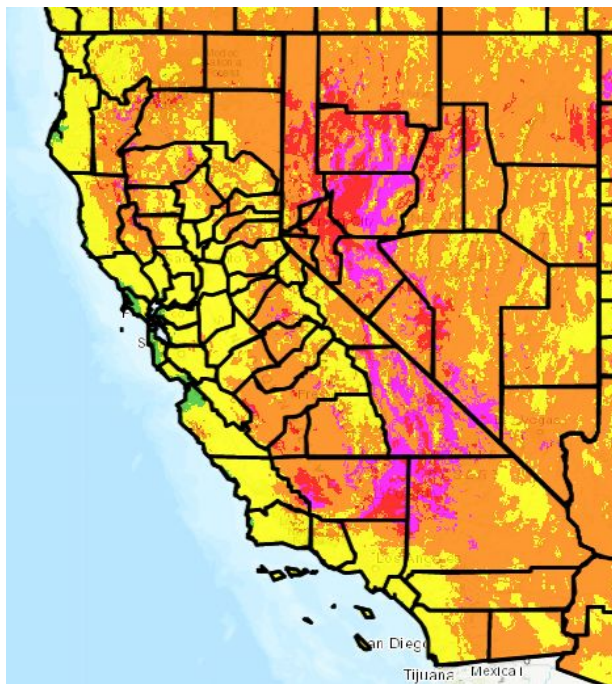


HEAT RISK FORECAST

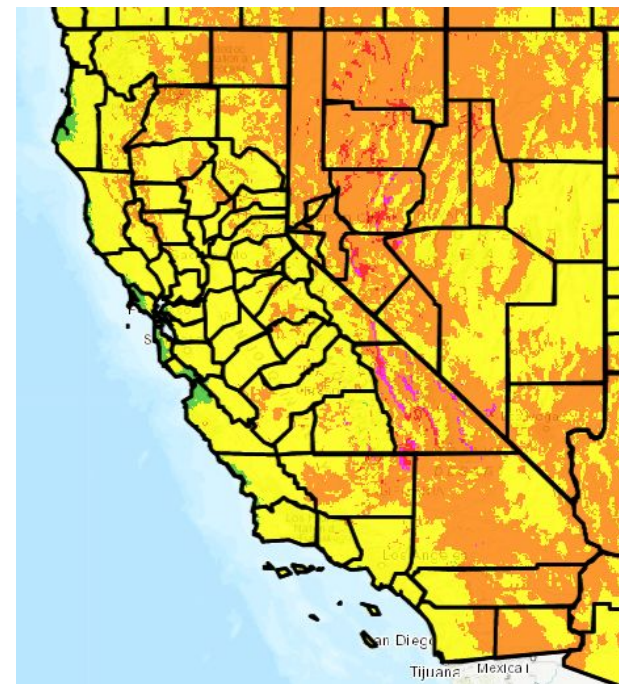
07/12/21 - 07/14/21



Monday



Tuesday



Wednesday

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight



WEATHER OUTLOOK

07/17/21 - 07/25/21

6-10 Day Outlook (July 17 – July 21)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored for most of the state, except below normal precipitation is favored for far northern California and the northern Sierras

8-14 Day Outlook (July 19 – July 25)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored for most of the state, except below normal precipitation is favored for far northern California and above normal precipitation is favored for far southeastern California



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

